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SUBJECT: IRIS II EVALUATION, MISSION GT69-368, 8 OCTOBER 1969

1. IMAGE QUALITY: THE IMAGERY ACQUIRED OVER THE RESOLUTION TARGETS AT EDWARDS AFB, CALIFORNIA, WAS DEGRADED BY CLOUDS AND HAZE AND MEANINGFUL RESOLUTION READINGS WERE NOT OBTAINABLE. IN CLEAR AREAS OF THE MISSION, THE BEST GROUND RESOLUTION IS ESTIMATED TO BE

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IMAGERY IS NOT AS CRISP AS IMAGERY NOTED ON OTHER MISSIONS.

2. MISSION DATA:

- A. MISSION GT69-368 OF 8 OCTOBER 1969
- B. CAMERA NUMBER: S/N: 8004
- C. MODE OF OPERATION: STEREO
- D. FILM TYPE/FILTER: 3404/W-23A
- E. FILM FOOTAGE: 9,000 FEET
- F. PROCESSING: DUAL GAMMA CHEMISTRY

3. ORIGINAL NEGATIVE:

- A. EXPOSURE: GOOD.
- B. IMAGED DEGRADATION: A PLUS DENSITY BAND (POSSIBLE PRESSURE MARK) IS PRESENT AT APPROXIMATELY 60 DEGREES ON SEVERAL FRAMES. GENERALLY, THE IMAGED DEGRADATIONS ARE MINIMAL.
- C. STATIC: SEVERAL FRAMES CONTAIN TRANSVERSE ROWS OF STATIC. IMAGE DEGRADATION IS MINOR.
- D. BANDING: HIGH FREQUENCY BANDING, PARALLEL TO THE SLIT, IS EVIDENT WHERE THE BACKGROUND DENSITY IS UNIFORM.
- E. METERING: GOOD THROUGHOUT.
- F. AUXILIARY DATA: THE DATA BLOCKS ARE SMEARED ON SOME OF THE AFT FRAMES AT THE BEGINNING OF THE MISSION. ALL OTHER DATA RECORDING IS GOOD.

4. COMMENTS: THE MECHANICAL OPERATION OF THE CAMERA APPEARS TO HAVE BEEN GOOD; HOWEVER, THE GROUND RESOLUTIONS OBTAINED WERE NOT AS GOOD AS EXPECTED FROM THIS SYSTEM.

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END OF MESSAGE

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